

PTO/SB/08A (08-03)

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1 (LB)

**Complete if Known**

Application Number	10/635,776
Filing Date	August 5, 2003
First Named Inventor	ST. GOAR, FREDERICK G.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	020489-000140US

**U.S. PATENT DOCUMENTS+**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
JS	AA	US-2,108,206	02/1938	Meeker	
	AB	US-3,378,010	04/1969	Codling et al.	
	AC	US-3,671,979	06/1972	Moulopoulos	
	AD	US-3,874,338	04/1975	King et al.	
	AE	US-4,056,854	11/1977	Boretos et al.	
	AF	US-4,297,749	11/1981	Davis et al.	
	AG	US-4,484,579	11/1984	Meno et al.	
	AH	US-4,641,366 B1	10/2002	Seguin	
	AI	US-4,809,695	03/1989	Gwathmey et al.	
	AJ	US-4,917,089	04/1990	Sideris	
	AK	US-4,994,077	02/1991	Dobben	
	AL	US-5,042,707	08/1991	Taheri	
	AM	US-5,049,153	09/1991	Nakao et al.	
	AN	US-5,069,679	12/1991	Taheri	
	AO	US-5,171,252	12/1992	Friedland	
	AP	US-5,209,756	05/1993	Seedhom et al.	
	AQ	US-5,226,429	07/1993	Kuzmak	
	AR	US-5,254,130	10/1993	Poncet et al.	
	AS	US-5,332,402	07/1994	Teitelbaum	
	AT	US-5,383,886	01/1995	Kensey et al.	
	AU	US-5,403,326	04/1995	Harrison et al.	
	AV	US-5,411,552	05/1995	Anderson et al.	
	AW	US-5,417,700	05/1995	Egan	
	AX	US-5,423,858	06/1995	Bolanos et al.	
	AY	US-5,423,882	06/1995	Jackman et al.	
	AZ	US-5,450,860	09/1995	O'Connor	
	BA	US-5,478,309	12/1995	Sweezer et al.	
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	BC	US-5,520,701	05/1996	Lerch	
	BD	US-5,522,873	6/1996	Jackman et al.	
	BE	US-5,536,251	07/1996	Evard et al.	
	BF	US-5,542,949	08/1996	Yoon	
	BG	US-5,554,185	09/1996	Block et al.	
	BH	US-5,571,137	11/1996	Marlow et al.	
	BI	US-5,571,215	11/1996	Sterman et al.	
	BJ	US-5,618,306	04/1997	Roth et al.	
	BK	US-5,634,932	06/1997	Schmidt	
	BL	US-5,640,955	06/1997	Ockuly et al.	
	BM	US-5,713,910	02/1998	Gordon et al.	
	BN	US-5,716,367	02/1998	Koike et al.	
✓	BO	US-5,718,725	02/1998	Sterman et al.	

Examiner  
Signature

L M B

Date  
Considered

2-16-07

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Sheet 1 of 3

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17315-002001	Application No. 10/635,776
	Applicant St. Goar et al.		
	Filing Date August 5, 2003	Group Art Unit 3732	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
U3	AA	2002/0013571	01/31/02	Goldfarb et al.	606	1	06/27/01
	AB	2002/0035361	03/21/02	Houser et al.	606	15	07/03/01
	AC	2002/0183766	12/05/02	Seguin	606	139	07/24/02
	AD	2003/0069570	04/10/03	Witzel et al.	606	28	11/12/02
	AE	2003/0069593	04/10/03	Tremulis et al.	606	142	08/10/02
	AF	2003/0069636	04/10/03	Solem et al.	623	2.37	11/26/02
	AG	2003/0078654	04/24/03	Taylor et al.	623	2.36	08/14/02
	AH	2003/0167071	09/04/03	Martin et al.	606	232	03/01/02
	AI	2004/0003819	01/08/04	St. Goar et al.	128	898	07/03/03
	AJ	2004/0019377	01/29/04	Taylor et al.	623	2.11	01/14/03
	AK	2004/0019378	01/29/04	Hlavka et al.	623	2.11	07/18/03
	AL	2004/0039442	02/26/04	St. Goar et al.	623	2.36	08/07/03
	AM	2004/0039443	02/26/04	Solem et al.	623	2.37	12/24/02
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	AP	2004/0087975	03/06/04	Lucatero et al.	606	139	05/19/03
	AQ	2004/0088047	05/06/04	Spence et al.	623	2.36	10/28/03
	AR	2004/0092962	05/13/04	Thornton et al.	606	139	05/19/03
	AS	2004/0106989	06/03/04	Wilson et al.	623	2.11	07/03/03
	AT	2004/0122448	06/24/04	Levine	606	139	08/13/03
	AU	2004/0127981	07/01/04	Rahdert et al.	623	2.36	10/01/03
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	AW	2004/0127983	07/01/04	Mortier et al.	623	2.36	10/07/03
	AX	2004/0133062	07/08/04	Pai et al.	600	16	10/08/03
	AY	2004/0133063	07/08/04	McCarthy et al.	600	16	12/12/03
	BA	2004/0133220	07/08/04	Lashinski et al.	606	151	08/05/03
	BB	2004/0133240	07/08/04	Adams et al.	607	2	01/07/03
	BC	2004/0133273	07/08/04	Cox	623	2.11	12/17/03
	BD	2004/0138745	07/15/04	Macoviak et al.	623	2.36	10/28/03
V	BE	2004/0225300	11/11/04	Goldfarb et al.	606	139	03/17/04

Examiner Signature <i>Lu M B</i>	Date Considered <i>2-16-07</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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UB	BF	5,226,911	07/13/93	Chee et al.	606	191	10/02/91
	BG	5,234,437	08/10/93	Sepetka	606	108	12/12/91
	BH	5,250,071	10/05/93	Palermo	606	198	09/22/92
	BI	5,261,916	11/16/93	Engelson	606	108	12/12/91
	BJ	5,312,415	05/17/94	Palermo	606	108	09/22/92
	BK	5,350,397	09/27/94	Palermo et al.	606	200	11/13/92
	BL	5,690,671	11/25/97	McGurk et al.	606	200	12/13/94
	BM	5,719,725	02/17/98	Nakao	360	98.06	12/02/96
	BN	6,461,366	10/08/02	Seguin	606	144	03/10/00
	BO	6,619,291	09/16/03	Hlavka et al.	128	898	04/24/01
	BP	6,626,899	09/30/03	Houser et al.	606	14	07/03/01
	BQ	6,629,534	10/07/03	St. Goar et al.	128	898	04/07/00
	BR	6,689,164	02/10/04	Seguin	623	2.36	10/10/00
	BS	6,701,929	03/09/04	Hussein	128	898	03/27/01
	BT	6,702,826	03/09/04	Liddicoat et al.	606	151	06/22/01
	BU	6,723,038	04/20/04	Schroeder et al.	600	16	10/06/00
	BV	6,746,471	06/08/04	Mortier et al.	606	207	05/25/01
	BW	6,752,813	06/22/04	Goldfarb et al.	606	139	06/27/01
	BX	6,770,083	08/03/04	Seguin	606	139	07/24/02

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
UB	BY	00/60995	10/19/00	PCT				
	BZ	2003/020179	03/13/03	PCT				
	BZ	03/037171	05/08/03	PCT				
	CA	2004/004607	01/15/04	PCT				
	CB	2004/012583	02/12/04	PCT				
	CC	2004/019811	03/11/04	PCT				
	CD	2004/030570	04/15/04	PCT				
	CE	2004/045378	06/03/04	PCT				

Examiner Signature	Date Considered
<i>LMB</i>	12-16-07
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

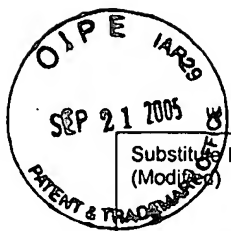
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							Yes	No
UB	CF	2004/045463	06/03/04	PCT				
f	CG	2004/047679	06/10/04	PCT				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document

Lu MB      7-16-07

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**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
LB	AA	2002/0161378	10/31/02	Downing	606	108	06/15/01
	AB	2002/0183835	12/05/02	Taylor et al.	623	2.11	02/05/02
	AC	2003/0105519	06/05/03	Fasol et al.	623	2.1	09/04/98
	AD	2003/0187467	10/02/03	Schreck	606	150	03/26/02
	AE	2004/0097979	05/20/04	Svanidze et al.	606	151	11/14/02
	AF	2004/0158123	08/12/04	Jayaraman	600	37	02/02/04
	AG	2004/0236354	11/25/04	Seguin, J.	606	139	06/24/04
	AH	5,769,863	06/23/98	Garrison	606	148	12/16/96
	AI	6,575,971	06/10/03	Hauck et al.	606	52	11/15/01
J	AJ	6,626,930	09/30/03	Allen et al.	606	213	05/01/00

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
LB	AK	03/001893	01/09/03	PCT				
	AL	03/073913	09/12/03	PCT				
	AM	04/112585	12/29/04	PCT				
	AN	04/112651	12/29/04	PCT				
	AO	05/032421	04/14/05	PCT				
J	AP	05/062931	07/14/05	PCT				

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
LB	AQ	Agricola et al., "Mitral valve reserve in double orifice technique: an exercise echocardiographic study," Journal of Heart Valve Disease 11(5): 637-643 (2002)
	AR	Alfieri et al., "An effective technique to correct anterior mitral leaflet prolapse," J. Card. Surg. 14(6): 468-470 (1999)
	AS	Alfieri et al., "Novel suture device for beating heart mitral leaflet approximation," Annals of Thoracic Surgery 74: 1488-1493 (2002)
J	AT	Alfieri et al., "The double orifice technique in mitral valve repair: a simple solution for complex problems," Journal Of Thoracic Cardiovascular Surgery 122: 674-681 (2001)

Examiner Signature <i>Liu MB</i>	Date Considered <i>2-16-07</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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			Filing Date August 5, 2003	Group Art Unit 3732
Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner Initial	Desig. ID	Document		
VB	AU	Alfieri, O., "Surgical Treatment of Atrial Fibrillation: Summary of Current Experience," The edge-to-edge repair of the mitral valve," [Abstract] 6th Annual NewEra Cardiac Care: Innovation & Technology, Heart Surgery Forum, pp. 103 (2003)		
	AV	Alfieri, O., "The edge-to-edge repair of the mitral valve," [Abstract] 6th Annual NewEra Cardiac Care: Innovation & Technology, Heart Surgery Forum, pp. 103 (2003)		
	AW	Arisi et al., "Mitral valve repair with Alfieri technique in mitral regurgitation of diverse etiology: early echocardiographic results," Circulation Supplement II, 104: 3240 (2001)		
	AX	Bhudia, S., "Edge-to-edge mitral repair: a versatile mitral repair technique," The Cleveland Clinic Foundation, Cleveland, Ohio, <a href="http://www.ctsnet.org/doc/7007">http://www.ctsnet.org/doc/7007</a> (accessed on December 14, 2004)		
	AY	Borghetti et al., "Preliminary observations on haemodynamics during physiological stress conditions following 'double-orifice' mitral valve repair," European Journal of Cardio-thoracic Surgery 20: 262-269 (2001)		
	AZ	Castedo, "Edge-to-edge tricuspid repair for redeveloped valve incompetence after DeVega's annuloplasty," Ann Thorac Surg. 75: 605-606 (2003)		
	BA	Dottori et al., "Echocardiographic imaging of the Alfieri type mitral valve repair," Ital. Heart J. 2(4): 319-320 (2001)		
	BB	Downing et al., "Beating heart mitral valve surgery: preliminary model and methodology," Journal of Thoracic and Cardiovascular surgery 123(6): 1141-1146 (2002)		
	BC	Falk et al., "Computer-enhanced mitral valve surgery: toward a total endoscopic procedure," Seminars in thoracic and cardiovascular surgery 11(3): 224-249 (1999)		
	BD	Fundarò et al., "Chordal placcation and free edge remodeling for mitral anterior leaflet prolapse repair: 8 year follow-up," Annals of Thoracic Surgery 72: 1515-1519 (2001)		
	BE	Garcia-Rinaldi et al., "Left ventricular volume reduction and reconstruction is ischemic cardiomyopathy," Journal of Cardiac Surgery 14: 199-210 (1999)		
	BF	Gatlienè, "Early and postoperative results results of metal and tricuspid valve insufficiency surgical treatment using edge-to-edge central coaptation procedure," Medicina 38 (Suppl 2): 172-175 (2002) [Article in Lithuanian, English summary on page 174 of the article]		
	BG	Gatti et al., "The edge to edge technique as a trick as a trick to rescue an imperfect mitral valve repair," Eur. J. Cardiothorac Surg 22(5): 817-20 (2002)		
	BH	Gillinov et al., "Is minimally invasive heart valve surgery a paradigm for future?" Current Cardiology Reports 1: 318-322 (1999)		
	BI	Gundry et al., "Facile Minimally Invasive Cardiac Surgery via Ministernotomy," Ann. Thorac. Surg. 65: 1100-1104 (1998)		
	BJ	Ikeda et al., "Batista's operation with coronary artery bypass grafting and mitral valve plasty for ischemic dilated cardiomyopathy," The Japanese Journal of Thoracic and Cardiovascular Surgery 48: 746-749 (2000)		
	BK	Izzat et al., "Early experience with partial left ventriculectomy in the Asis-Pacific Region," Annals of Thoracic Surgery 67: 1703-1707 (1999)		
	BL	Källner et al., "Transaortic approach for the Alfieri Stitch," Ann Thorac Surg 71: 378-380 (2001)		
7	BM	Kavama et al., "Transaortic repair of mitral regurgitation," Presented at the third annual New Era Cardiac Care conference, San Diego, CA, January 13-16 (2000), <a href="http://www.hsforum.com/vol13/issue1/2000-2389print.html">http://www.hsforum.com/vol13/issue1/2000-2389print.html</a> (accessed on December 14, 2004)		

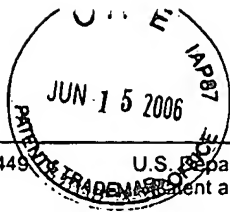
Examiner Signature	Date Considered
<i>VB</i> <i>M B</i>	2-16-07
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Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner Initial	Desig. ID	Document					
UB	BN	Kaza et al., "Ventricular reconstruction results in improved left ventricular function and amelioration of mitral insufficiency," <i>Annals of Surgery</i> 235(6): 828-832 (2002)					
	BO	Kherani, "The edge-to-edge mitral valve repair: the Columbia Presbyterian experience," <i>Ann. Thorac. Surg.</i> 78: 73-76 (2004)					
	BP	Konertz et al., "Results after partial left ventriculectomy in a European heart failure population," <i>Journal of Cardiac Surgery</i> 14(2): 129-135 (1999)					
	BQ	Kron et al., "Surgical relocation of the posterior papillary muscle in chronic ischemic mitral regurgitation," <i>Annals of Thoracic Surgery</i> 74: 600-601 (2002)					
	BR	Krüger et al., "Edge to edge technique in complex mitral valve repair," <i>Thorac Cardiovasc Surg.</i> 48 (Supplement I): page 106 (abstract p73) (2000)					
	BS	Lorusso et al., "'Double-Orifice' technique to repair extensive mitral valve excision following acute endocarditis," <i>J. Card Surg</i> 13: 24-26 (1998)					
	BT	Lorusso et al., "The double-orifice technique for mitral valve construction: predictors of postoperative outcome," <i>Eur J. Cardiothorac Surg</i> 20(3): 583-589 (2001)					
	BU	Maisano et al., "The double orifice repair for Barlow Disease: a simple solution for a complex repair," <i>Circulation (Supplement 1)</i> 100(18): I-94 (1999)					
	BV	Maisano et al., "The double orifice technique as a standardized approach to treat mitral regurgitation due to severe myxomatous disease: surgical technique," <i>European Journal of Cardiothoracic Surgery</i> 17: 201-205 (2000)					
	BW	Maisano et al., "The hemodynamic effects of double-orifice valve repair for mitral regurgitation: a 3D computational model: a 3D computational model," <i>European Journal of Cardio-thoracic Surgery</i> 15: 419-425 (1999)					
	BX	Maisano et al., "Valve repair for traumatic tricuspid regurgitation," <i>Eur. J. Cardio-thorac Surg</i> 10: 867-873 (1996)					
	BY	Mantovani et al., "Edge-to-edge repair of congenital familial tricuspid regurgitation: case report," <i>J. Heart Valve Dis.</i> 9(5): 641-643 (2000)					
	BZ	McCarthy et al., "Partial left ventriculectomy and mitral valve repair for end-stage congestive heart failure," <i>European Journal of Cardio-thoracic Surgery</i> 13: 337-343 (1998)					
	CA	Moainie et al., "Correction of traumatic tricuspid regurgitation using the double orifice technique," <i>Annals of Thoracic Surgery</i> 73: 963-965 (2002)					
	CB	Morales et al., "Development of an off bypass mitral valve repair," <i>The Heart Surgery Forum</i> #1999-4693, 2(2): 115-120 (1999)					
	CC	Nakanishi et al., "Early outcome with the Alfieri mitral valve repair," <i>J. Cardiol.</i> 37(5): 263-266 (2001) [Abstract in English; Article in Japanese]					
	CD	Nielsen et al., "The edge-to-edge mitral repair: tension of the approximating suture and leaflet deformation during acute ischemic mitral regurgitation in the ovine heart," <i>Circulation</i> 104(Suppl 1): I-29-I-35 (2001)					
	CE	Osawa et al., "Partial left ventriculectomy in a 3 year old boy with dilated cardiomyopathy," <i>Japanese Journal of Thoracic and Cardiovascular Surgery</i> 48(9): 590-593 (2000)					
	CF	Privitera et al., "Alfieri Mitral Valve Repair: Clinical Outcome and Pathology," <i>Circulation</i> 106: 173 (2002)					
	CG	Redaelli et al., "A computational study of the hemodynamics after 'edge-to-edge' mitral valve repair," <i>Journal of Biomechanical Engineering</i> 123: 565-570 (2001)					
Examiner Signature		Lu M B		Date Considered		2-16-07	
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UB	CH	Tamura et al., "Edge to edge repair for mitral regurgitation on a patient with chronic hemodialysis: report of a case," Kyobu Geka 54(9): 788-790 (2001) [Article in Japanese, English Summary]					
	CI	Timek, "Edge-to-edge mitral repair: gradients and three-dimensional annular dynamics in vivo during inotropic stimulation," European Journal of Cardio-thoracic Surgery 19: 431-437 (2001)					
	CJ	Timek, "Edge-to-edge mitral valve repair without ring annuloplasty for acute ischemic mitral regurgitation," Circulation 108 (Supplement II): II-122—II-127 (2003)					
	CK	Totaro, "Mitral valve repair for isolated prolapse of the anterior leaflet: an 11-year follow-up," European Journal of Cardio-thoracic Surgery 15: 119-126 (1999)					
+	CL	Votta et al., "3-D computational analysis of the stress distribution on the leaflets after edge-to-edge repair of mitral regurgitation," Journal of Heart Valve Disease 11: 810-822 (2002)					

Examiner Signature	<i>Lu M B</i>	Date Considered	<i>2-16-07</i>
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Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>17315-002001</b>	Application No. <b>10/635,776</b>
	Applicant <b>St. Goar et al.</b>		
	Filing Date <b>August 5, 2003</b>	Group Art Unit <b>3732</b>	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<b>VB</b>	AA	6,143,024	11/07/2000	Campbell et al.	623	2.36	06/04/98

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No


Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document

Examiner Signature <b>Ln MB</b>	Date Considered <b>2-16-07</b>
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Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17315-002001	Application No. 10/635,776
	Applicant St. Goar et al.		
	Filing Date August 5, 2003	Group Art Unit 3738	



U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
UB	AA	2001/0037084	10/01/01	Nardeo	604	95.04	04/25/01
	AB	2003/0120341	06/26/03	Shennib et al.	623	2.12	12/21/01
	AC	2003/0208231	11/06/03	Williamson, IV et al.	606	205	11/08/01
	AD	2003/0233038	12/18/03	Hassett.	600	374	02/24/03
	AE	2004/0024414	02/05/04	Downing	606	108	07/01/03
	AF	2004/0186566	09/23/04	Hindrichs et al.	623	2.37	03/17/04
	AG	2005/0004665	07/07/03	Aklog	623	2.36	07/02/03
	AH	2005/0049698	03/03/05	Bolling et al.	623	2.36	10/18/04
	AI	2005/0055089	03/10/05	Macoviak et al.	623	2.37	07/19/04
	AJ	2005/0059351	03/17/05	Cauwels et al.	455	67.7	10/29/04
	AK	2005/0216039	09/29/05	Lederman	606	144	05/12/05
	AL	2005/0228422	10/13/05	Machold et al.	606	167	03/25/05
	AM	2005/0251001	11/10/05	Hassett	600	374	07/04/05
	AN	2005/0267493	12/01/05	Schreck et al.	606	139	07/20/05
	AO	2006/0030866	02/09/06	Schreck	606	139	10/11/05
	AP	2006/0064115	03/23/06	Allen et al.	606	139	11/15/05
	AQ	2006/0064116	03/23/06	Allen et al.	606	139	11/15/05
	AR	2006/0064118	03/23/06	Kimblad	606	151	11/07/05
	AS	2006/0252984	11/09/06	Rahdert et al.	600	37	03/27/06
	AT	2,097,018	10/26/97	Chamberlain	384	26	07/17/36
	AU	4,064,881	12/27/77	Meredith	606	142	06/01/76
	AV	4,112,951	09/12/78	Hulka et al.	128	831	01/26/76
	AW	4,498,476	02/12/85	Cerwin et al.	606	158	11/17/83
	AX	4,510,934	04/16/85	Batra	606	231	05/13/83
	AY	4,944,295	07/31/90	Gwathmey et al.	227	176.1	02/07/89
	AZ	5,015,249	05/14/91	Nakao et al.	606	142	12/26/89
	AAA	5,047,041	09/10/91	Samuels	606	159	03/23/90

Examiner Signature 	Date Considered 2-16-07
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17315-002001	Application No. 10/635,776
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant St. Goar et al.	
		Filing Date August 5, 2003	Group Art Unit 3738

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
UB	BA	5,108,368	04/28/92	Hammerslag et al.	604	528	09/17/90
	BB	5,125,758	06/02/98	DeWan	402	25	12/06/90
	BC	5,190,554	03/02/93	Coddington et al.	606	113	04/08/92
	BD	5,195,968	03/23/93	Lundquist et al.	604	95.04	07/17/92
	BE	5,275,578	01/04/94	Adams	482	27	01/11/91
	BF	5,314,424	05/24/94	Nicholas	606	41	04/06/92
	BG	5,318,525	06/07/94	West et al.	604	95.04	04/10/92
	BH	5,325,845	07/05/94	Adair	600	114	06/08/92
	BI	5,359,994	11/01/94	Krauter et al.	600	149	01/24/94
	BJ	5,368,564	11/29/94	Savage	604	95.04	12/23/92
	BK	5,368,601	11/29/94	Sauer et al.	606	144	04/30/92
	BL	5,403,312	04/04/95	Yates et al.	606	50	07/22/93
	BM	5,417,699	05/23/95	Klein et al.	606	144	12/10/92
	BN	5,431,666	07/11/95	Sauer et al.	606	139	02/24/94
	BO	5,437,681	08/01/95	Meade et al.	606	145	01/13/94
	BP	5,456,684	10/10/95	Schmidt et al.	606	41	09/08/94
	BQ	5,462,527	10/31/95	Stevens-Wright et al.	604	528	06/29/93
	BR	5,472,044	12/05/95	Hall et al.	165	115	11/24/93
	BS	5,476,470	12/19/95	Fitzgibbons Jr.	606	144	04/15/94
	BT	5,487,746	01/30/96	Yu et al.	606	151	11/23/94
	BU	5,507,725	04/16/96	Savage et al.	604	95.04	11/22/93
	BV	5,507,757	04/16/96	Sauer et al.	606	144	10/18/94
	BW	5,527,313	06/18/96	Scott et al.	606	51	04/06/95
	BX	5,527,322	06/18/96	Klein et al.	606	144	11/08/93
	BY	5,540,705	07/30/96	Meade et al.	606	145	05/19/95
	BZ	5,562,678	10/08/96	Booker	606	113	06/02/95
	CA	5,571,085	11/05/96	Accisano III	604	95.01	03/24/95

Examiner Signature <i>UB</i> M B	Date Considered 1-16-07
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Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17315-002001	Application No. 10/635,776
	Applicant St. Goar et al.		
	Filing Date August 5, 2003	Group Art Unit 3738	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
UB	CB	5,582,611	12/10/96	Tsuruta et al.	606	46	11/14/94
	CC	5,609,598	03/11/97	Laufer et al.	606	142	12/30/94
	CD	5,620,452	04/15/97	Yoon	606	151	12/22/94
	CE	5,626,588	05/06/97	Sauer et al.	606	144	05/03/95
	CF	5,636,634	06/10/97	Kordis et al.	600	534	03/16/93
	CG	5,649,937	07/22/97	Bito et al.	606	139	06/05/95
	CH	5,669,917	09/23/97	Sauer et al.	606	139	05/12/95
	CI	5,706,824	01/13/98	Whittier	600	564	05/20/96
	CJ	5,715,817	02/10/98	Stevens-Wright et al.	600	373	06/07/95
	CK	5,722,421	03/03/98	Francesca et al.	600	564	09/15/95
	CL	5,741,280	04/21/98	Fleenor	606	148	11/13/95
	CM	5,772,578	06/30/98	Heimberger et al.	600	139	09/16/96
	CN	5,782,845	07/21/98	Shewchuk	606	144	06/03/97
	CO	5,810,876	09/22/98	Kelleher	606	205	10/03/95
	CP	5,814,029	09/29/98	Hassett	604	528	06/10/96
	CQ	5,820,592	10-13-1998	Hammerslag	604	95.01	07/16/96
	CR	5,820,631	10/13-/98	Nobles	606	213	08/01/96
	CS	5,843,031	12/01/98	Hermann et al.	604	95.01	10/21/96
	CT	5,860,990	01/19/99	Nobles et al.	606	144	08/23/96
	CU	5,868,733	02/09/99	Ockuly et al.	606	10	04/14/95
	CV	5,891,160	04/06/99	Williamson, IV et al.	606	144	12/04/97
	CW	5,916,147	06/29/99	Boury	600	146	09/22/97
	CX	6,033,378	03/07/00	Lundquist et al.	604	95.01	03/27/97
	CY	6,036,699	03/14/00	Andreas et al.	606	139	03/26/97
	CZ	6,060,628	05/09/00	Aoyama et al.	570	134	08/26/97
	DA	6,060,629	05/09/00	Pham et al.	570	178	09/10/99
	DB	6,066,146	05/23/00	Carroll et al.	606	148	06/24/98

Examiner Signature <i>Ym MB</i>	Date Considered <i>2-16-07</i>
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Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17315-002001	Application No. 10/635,776
	Applicant St. Goar et al.		
	Filing Date August 5, 2003	Group Art Unit 3738	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
UB	DC	6,077,214	06/20/00	Mortier et al.	600	16	07/29/98
	DD	6,086,600	07/11/00	Kortenbach	606	139	11/03/97
	DE	6,123,699	09/26/00	Webster Jr.	604	528	09/05/97
	DF	6,132,447	10/17/00	Dorsey	606	174	05/04/98
	DG	6,136,010	10/04/00	Modesitt et al.	606	144	03/04/99
	DH	6,162,233	12/19/00	Williamson, IV et al.	606	142	08/06/99
	DI	6,187,003	02/13/01	Buysse et al.	606	49	11/12/97
	DJ	6,203,553	03/20/01	Robertson et al.	606	139	09/08/99
	DK	6,206,893	03/27/01	Klein et al.	606	144	04/08/98
	DL	6,245,079	06/12/01	Nobles et al.	606	144	12/23/99
	DM	6,267,746	07/31/01	Bumbalough	604	95.01	03/22/99
	DN	6,269,534	10/07/03	St. Goar et al.	29	621.1	12/03/98
	DO	6,319,250	11/20/01	Falwell et al.	606	41	11/20/01
	DP	6,322,559	11/27/01	Daulton, et al.	606	41	07/06/98
	DQ	6,332,893	12/25/01	Mortier et al.	623	2.36	12/17/97
	DR	6,464,707	10/15/02	Bjerken	606	139	03/31/00
	DS	6,482,224	11/19/02	Michler et al.	606	219	06/07/99
	DT	6,551,331	04/22/03	Nobles et al.	606	144	01/30/01
	DU	6,562,052	05/13/03	Nobles et al.	606	144	05/13/03
	DV	6,641,592	11/04/03	Sauer et al.	606	144	11/15/00
	DW	6,695,866	02/24/04	Kuehn et al.	606	213	04/05/00
	DX	6,767,349	07/27/04	Ouchi	606	51	02/28/02
	DY	6,875,224	04/05/05	Grimes	606	219	10/17/01
	DZ	6,945,978	09/20/05	Hyde	606	142	11/15/02
	EA	6,949,122	09/27/05	Adams et al.	623	2.36	11/01/01
	EB	6,966,914	11/22/05	Abe	606	113	05/16/02
	EC	7,011,669	03/14/06	Kimblad	606	151	03/10/03


Examiner Signature <i>Zu M B</i>	Date Considered <i>1-17-07</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17315-002001	Application No. 10/635,776
	Applicant St. Goar et al.		
	Filing Date August 5, 2003	Group Art Unit 3738	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
UB	ED	7,112,207	09/26/06	Allen et al.	606	139	04/24/03

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
UB	EE	1674040	6/28/06	EP				
	EF	0727239	8/21/96	EP				
	EG	98/35638	8/20/98	PCT				
	EH	00/59382	10/12/00	PCT				
	EI	01/54618	8/2/01	PCT				
	EJ	04/012789	2/12/04	PCT				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	EK	none

Examiner Signature 	Date Considered B 2-16-07
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 17315-002001		Application No. 10/635,776		
List of Patents and Publications for Applicant's Information Disclosure Statement  (37 CFR §1.98(b))				Applicant St. Goar et al.				
				Filing Date August 5, 2003		Group Art Unit 3732		
Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
UB	CV	DE 3504292	07/1986	DE				
	CW	EP 0179562	07/1989	EP				
	CX	WO 91/01689	02/1991	PCT				
	CY	WO 92/12690	08/1992	PCT				
	CZ	EP 0558031	09/1993	EP				
	DA	WO 94/18893	09/1994	PCT				
	DB	WO 91/18881	09/1994	PCT				
	DC	EP 0684012	02/1995	PCT				
	DD	WO 97/39688	10/1997	PCT				
	DE	WO 98/07375	02/1998	PCT				
	DF	WO 98/30153	07/1998	PCT				
	DG	WO 98/35638	08/1998	PCT				
	DH	WO 99/01377	01/1999	PCT				
	DI	WO 99/00059	01/1999	PCT				
	DJ	WO 99/07354	02/1999	PCT				
	DK	JP 11089937	06/1999	JP				
DL	WO 00/03759	01/2000	PCT					
DM	WO 01/28432	04/2001	PCT					
DN	WO 01/26557	04/2001	PCT					

Examiner Signature	<i>Lin M B</i>	Date Considered	<i>2-16-07</i>
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Sheet 1 of 1

Substitute Form PTO-1449 (Modified)  <b>List of Patent Publications for Applicant's Information Disclosure Statement</b>  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17315-002001	Application No. 10/635,776
	Applicant St. Goar et al.		
	Filing Date August 5, 2003	Group Art Unit 3732	

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
UB	AA	2005/0021056	1/27/05	St. Goar et al.			
	AB	2005/0021057	1/27/05	St. Goar et al.			
	AC	2005/0033446	2/10/05	Deem et al.			
	AD	6269819	8/7/01	Oz et al.			

**Foreign Patent Documents or Published Foreign Patent Applications**

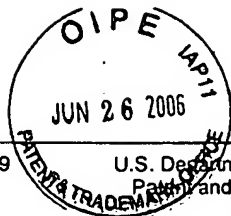
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
		None						

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
		None

Examiner Signature <i>Jim M. B.</i>	Date Considered <i>2-16-07</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Sheet 1 of 1

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	Applicant <b>St. Goar et al.</b>		
	Filing Date <b>August 5, 2003</b>	Group Art Unit <b>3732</b>	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
UK	AA	2005/0004668	01/06/05	Aklog et al.			
UK	AB	2005/0038508	02/17/05	Gabbay			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

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Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
UK	AL	03/028558	04/10/03	PCT				
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

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